

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO.	SERIAL NUMBER
	100,004.6	10/809,835
	APPLICANT(S) PRINCE	
FILING DATE March 25, 2004	GROUP ART UNIT 3737	

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
RSS	4,915,111	04/10/90	Sano et al.			
	4,585,008	04/29/86	Jarkewicz			
	4,585,941	04/29/86	Bergner			
	5,087,439	02/11/92	Qusy			
	4,865,043	09/12/89	Shimoni			
	5,305,751	04/26/94	Chopp et al.			
	5,315,997	05/31/94	Widder et al.			
	4,597,754	07/01/86	Thill, et al.			
	4,202,333	05/13/87	5/1980 Thill, et al.			
	4,298,000	11/03/81	Thill, et al.			
RSS	4,430,079	02/07/84	Thill, et al.			

106 7123105

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION VERSO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RSS	"Abdominal Aortography with Dynamic High-Dose Gadopentetate Dimeglimine", Prince, SMRM 12th Annual Meeting, August, 1993
	"Dynamic Gadolinium-Enhanced Three-dimensional Abdominal MR Arteriography", Prince et al., JMRI, Vol. 3, No. 6 November/December 1993, pp. 877-891
	"Gadolinium-enhanced MR Aortography", Prince, Radiology, Vol. 191, No. 1, Pages 155-164, April 1994
	"Optimizing Blood Vessel Contrast in Fast Three-Dimensional MRI", Haacke, et al., SMRM Workshop on MR Imaging of Blood Flow, March 13-14, 1989, pp. 202-221
	"Magnetic Resonance Angiography of the Thoracic Aorta", Prince, et al., Magnetic Resonance Angiography: A Practical Approach, McGraw-Hill, Incorporated, 1995, Chapter 10, pp. 131-138
	"Contrast Enhancement in Abdominal CT: Bolus vs. Infusion", Burgener, et al., AJR, vol. 137, pp. 351-358, 1981
RSS	"MRA Adds Value in Body Imaging", Prince, MR, vol. 5, number 3, pp. 29-31, Summer 1995

EXAMINER	DATE CONSIDERED

EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO.	SERIAL NUMBER
	100.004.6	10/809,835
	APPLICANT(S) PRINCE	
	FILING DATE March 25, 2004	GROUP ART UNIT 3737

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
RSS	6,311,085	10/30/01	Prince <i>et al.</i>			
	6,240,311	5/29/01	Prince			
	5,924,987	7/20/99	Prince			
	5,762,065	6/9/98	Prince			
	5,746,208	5/5/98	Prince			
	5,590,654	1/7/97	Prince			
	5,579,767	12/3/96	Prince			
	5,553,619	6/10/96	Prince			
RSS	5,417,213	5/23/95	Prince			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RSS	"An Extended-Length Coil Design for Peripheral MR Angiography", Rajan et al, Magnetic Resonance Imaging, Vol 9, No. 4, pp. 493-495, 1991
	"Fast MRI with turbo-FLASH Sequences in Aortoiliac Disease", Sivanathan et al., The Lancet, Vol. 338, pp. 1090-1091, October 26, 1991
	"The Use of Contrast-Enhanced TurboFLASH Sequences in Aorto-iliac Disease and Their Comparison with Conventional Angiography", Sivanathan et al., SMRM 1992, Berlin, p. 3108
	"Preliminary Study of Pulmonary Three-Dimensional Time of Flight MR Angiography with Breath-Holding Using a Contrast Medium", Isoda et al., Radiation Medicine, Vol. 11, No. 5, September-October 1993, pp. 191-195
	"Fast Three-Dimensional Time-of-Flight MR Angiography with Timed Injection of Contrast Material", Kanal et al., Radiology 1991; Vol. 181(P), 119 (abstract 169C).
	"Fast Three-Dimensional Time-of-Flight MR Angiography with Contrast Bolus Injection", Talagala et al., SMRJ 1992, paper #332.
	"Fast RF-spoiled Three-dimensional MR Angiography of Intracranial Vasculature in Scan Times under 1 minute", Talagala et al., Book of Abstracts, SMRM 1991, page 1021.
RSS	"Normal Abdominal Enhancement Patterns with Dynamic Gadolinium-enhanced MR Imaging, Radiology", Mirowitz et al., vol. 180, No. 3, 1991, pp. 637-640

EXAMINER	DATE CONSIDERED
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.	

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO.	SERIAL NUMBER
	100.004.6	10/809,835
	APPLICANT(S) Prince	
FILING DATE	GROUP ART UNIT	
March 25, 2004	3737	

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
RSS	5,799,649	11/1997	9/1998 Prince			
	6,230,041	5/2000	Prince			
	6,243,600	6/2000	Prince			
	6,278,892	8/2000	Prince			
	5,792,056	8/1998	Prince			
	5,494,036	11/1993	2/1996 Uber, III et al.			
	5,341,099	3/1993	8/1994 Suzuki			
	5,522,390	6/1996	Tuithof et al.			
RSS	5,515,863	2/1997	Damadian			

5515863 5/1996 FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION NUMBER
RSS	EP 0 543 468	5/1993	European			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RSS	"Breath-Held 3D Gadolinium-Enhanced Renal Artery MRA", Prince et al., Proceedings of SMR, August 1995
	"Measuring Signal Intensity Curves in Both Blood and Tissue During Contrast Agent Administration using a Novel Rapid Interleaved Method", Taylor et al., SMRM August 1993, p.474
	"Clinical Evaluation of Pulmonary 3D Time-of-Flight MRA with Breath-Holding Using a Contrast Media", Isoda et al., Journal Computer Assisted Tomography, 19(6):911-919, November-December 1995
	"Gd-DTPA Enhanced Multi-slab 3D MR Angiography of Aorto-iliac Arteries", Amanuma et al., SMRM, August 1993, p.524
RSS	"Three-dimensional MR Angiography (3D-MRA) of Aortic Diseases with Bolus Administration of Contrast Media in a Single Breath-hold", Togami et al., SMRM, August 1994, p.969

EXAMINER	DATE CONSIDERED
/Ruth S. Smith/	09/19/2006

EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO.	SERIAL NUMBER
	100.004.6	10/809,835
	APPLICANT(S) Prince	
FILING DATE	GROUP ART UNIT	
March 25, 2004	3737	

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
RSS	5,287,273	8/4/89 2/1994	Kupfer et al.			
	5,111,492	5/1992	Klausz			
	5,243,284	9/1993	Noll			
	5,451,211	9/1995	Neer et al.			
	5,472,403	12/1995	Cornacchia et al.			
	5,236,417	8/1993	Wallis			
RSS	5,515,851	5/1996	Goldstein			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

RSS	"Dynamic Three-dimensional Imaging with Partial K-Space Sampling: Initial Application for Gadolinium-enhanced Rate Characterization of Breast Lesions", Chenevert et al., Radiology, vol. 196, no. 1, 1995, p.135-142
	"Clinical application of pulmonary 3 dimensional time-of-flight MR angiography with breath-holding using a contrast medium", Isoda, et al., Society of Magnetic Resonance in Medicine, 11th Annual Scientific Meeting, Aug 8-14, 1992, Berlin, Germany, Works in Progress, p.3119, XP002111479
	"The arterial concentration of Gd-DTPA can be monitored non-invasively", Sondergaard, et al., Society of Magnetic Resonance in Medicine, 11th Annual Scientific Meeting, Aug 8-14, 1992, Berlin, Germany, Book of Abstracts, v.1, p.1120, XP002111480
	"Fast-scan magnetic resonance: Principles and applications", Wehrli, Magnetic Resonance Quarterly, v.6, no.3, 1990, p.165-236, XP002111477
	"A Rapid Interleaved Method for Measuring Signal Intensity Curves in both Blood and Tissue during Contrast Agent Administration, Taylor et al., Magnetic Resonance in Medicine, 30, 1993, pp.744-749
RSS	Dixon, "Simple Proton Spectroscopic Imaging", Radiology, November 25, 1984, pp. 189-194

EXAMINER /Ruth S. Smith/	DATE CONSIDERED	09/19/2006
EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.		